

# ABSTRACT

A system and method to provide continuity of service in a radio broadcasting system, wherein the radio broadcasting system includes at least one modem using the COFDM technique, and transmits  $N$  time-frequency cells modulated independently of one another. A number  $N_1$  of cells conveying digital audio signal  $S_1$  and a number  $N_2$  of cells conveying analog audio signal  $S_2$  are transmitted to a receiver. When the receiver cannot decode the signal in the  $N_1$  cells, the receiver replaces the digitized audio signal  $S_1$  with the analog signal  $S_2$ .